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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/820,324	03/29/2001	Christine S. Pepin	05026.00002	3124

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WASHINGTON, DC 20001

EXAMINER

WU, YICUN

ART UNIT	PAPER NUMBER
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2175

DATE MAILED: 09/11/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/820,324

Applicant(s)

PEPIN ET AL.

Examiner

Yicun Wu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

DIANE B. MIZRAHI  
PRIMARY PATENT EXAMINER  
TECHNOLOGY CENTER 2175

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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### III. DETAILED ACTION

1. Claims 1-35 are presented for examination.

#### Claim Objections

2. Claims 1-35 is objected to because of the following informalities: the Examiner is not clear about the meaning of the claim. "...label"

Appropriate correction is required.

#### Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-35 are rejected under 35 U.S.C. 102(e) as being anticipated over Morgenstern (U. S. Patent No. 5,970,490).

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As to claims 1, 22-23, and 34, Morgenstern discloses a method for processing information comprising the steps of:

selecting a first label (i.e. data schema specification) from a first list of labels to identify a first set of data (Fig. 2-4);

selecting a second label from a second list of labels to identify a second set of data (Fig. 2-4);

applying a first rule associated with the first set of data based on the selection of the first label (Fig. 2-4); and

applying a second rule associated with the second set of data based on the selection of the second label (Fig. 2-4).

As to claims 2 and 24, Morgenstern discloses a method wherein at least one of the first set of data and the second set of data is a column (a column is well known in the art).

As to claims 3 and 25, Morgenstern discloses a method wherein at least one of the first set of data and the second set of data is a field (a field is well known in the art).

As to claim 4, Morgenstern discloses a method wherein at least one of the first rule and the second rule is applied to

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the content of a cell in a column based on the content of the cell.

As to claim 5, Morgenstern discloses a method wherein at least one of the first rule and the second rule is applied to the content of a first cell in a column based on the content of a second cell (i.e. semantic transformation rules) (Fig. 2, item 20).

As to claims 6 and 26, Morgenstern discloses a method further comprising the step of:

applying a third rule to the first set of data based on the selection of the first label (Fig. 2).

As to claims 7 and 27, Morgenstern discloses a method further comprising the step of:

after the selecting a first label step, removing the first label from the first list of labels to result in the second list of labels (Fig. 2, item 20).

As to claims 8 and 28, Morgenstern discloses a method wherein the first list of labels is identical to the second list of labels (Fig. 2, item 20 and 24).

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As to claims 9 and 29, Morgenstern discloses a method comprising the step of:

outputting the result of the first and second applying steps to a remote application.

As to claims 10 and 30, Morgenstern discloses a method wherein the first applying step comprises the step of:

generating a third set of data based on the first set of data (Fig. 2).

As to claims 11 and 31, Morgenstern discloses a method wherein the first applying step comprises the step of:

replacing the first set of data with a third set of data (Fig. 2, item 20).

As to claims 12 and 32, Morgenstern discloses a method wherein:

the first rule performs the step of data scrubbing on the information (Fig. 2, item 20) and (col. 11, lines 36-38).

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As to claim 13, Morgenstern discloses a method, wherein the first rule filters the information (Fig. 2) and (col. 15, lines 32-35).

As to claim 14, Morgenstern discloses a method, wherein the first rule applies source rules to the information (Fig. 2).

As to claims 15, Morgenstern discloses a method, wherein the first rule applies destination rules to the information (Fig. 2).

As to claim 16, Morgenstern discloses a method, wherein the first rule applies cleanup rules to the information (Fig. 2).

As to claim 17, Morgenstern discloses a method wherein the first rule applies derivation rules to the information (col. 23, lines 41-44).

As to claim 18, Morgenstern discloses a method wherein the first rule applies transformation rules to the information (Fig. 2).

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As to claim 19, Morgenstern discloses a method wherein the first rule applies mapping rules to the information (Fig. 2 and col. 24, lines 41-49).

As to claim 20, Morgenstern discloses a method, wherein the first applying step comprising the steps of:

determining at least one of a supplier of the information and a recipient of the information (Fig. 2);

determining to apply the first rule from a set of rules based on at least one of the supplier and the recipient; and applying the first rule (Fig. 2).

As to claims 21, 33 and 35, Morgenstern discloses a method further comprising the steps of:

determining at least one a header row (i.e. "header") of the information, a supplier of the information and a recipient information (col. 9, lines 33-43);

storing the first and second selecting steps with at least one of an indication of the header row, the supplier, and the recipient as part of a knowledgebase (col. 9, lines 33-43); and

when processing new information with an indication, matching at least one of the header row, the supplier and the



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recipient, performing the first and second selecting steps on the new information (col. 9, lines 33-43).

**Prior Art Made of Record**

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ellis et al. (U.S. Patent No. 6,195,662).


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Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yicun Wu whose telephone number is 703-305-4889. The examiner can normally be reached on 8:00 am to 4:30 pm, Monday -Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 703-305-3830. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7238 for regular communications and 703-746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

  
Yicun Wu  
Patent Examiner  
Technology Center 2100

  
DIANE D. MIZRAHI  
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September 4, 2003